

Converting Colors

$Yxy(79.0773, 0.2594, 0.3873)$

Have a look what the booklet for
Yxy(79.0773, 0.2594, 0.3873)
contains.

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Color

Yxy(79.0773, 0.2594, 0.3873)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 69FFD0 |
| RGB | 105, 255, 208 |
| RGB Percent | 41%, 100%, 82% |
| CMY | 0.5885, 0.0000, 0.1844 |
| CMYK | 0.59, 0.00, 0.18, 0.00 |
| HSL | 161°, 100%, 71% |
| HSV | 161°, 59%, 100% |
| XYZ | 52.9632, 79.0773, 72.1353 |
| YIQ | 204.7920, -74.3130, -46.4170 |

Conversions

Conversions Part 2

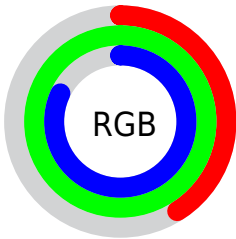
| Format | Color |
|-------------------------------------|---|
| RYB | 105, 194, 255 |
| Decimal | 6946768 |
| CIELab | 91.27, -50.92, 10.60 |
| CIELCh | 91, 52.010, 168.245 |
| Yxy | 79.0773, 0.2594, 0.3873 |
| Android (android.graphics.Color) | 4285136848 (0xFF69FFD0) |
| YUV | 204.7920, 1.5815, -87.5176 |
| Hunter-Lab | 88.9254, -49.3064, 14.1524 |

Details

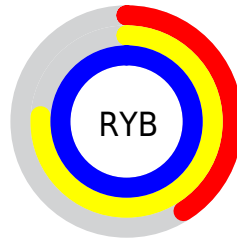
The Yxy color **79.0773, 0.2594, 0.3873** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **33.6157, 0.4365, 0.2825**, and the grayscale version is **60.9221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0648, 0.2642, 0.3289**, and **42.4250, 0.2465, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **77.3710, 0.2552, 0.3993**, and if you desaturate by 10%, it is **81.2570, 0.2655, 0.3757**.

Distribution



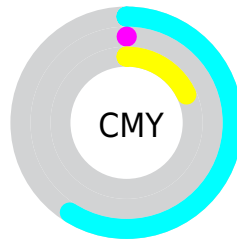
- Red (41%)
- Green (100%)
- Blue (82%)



- Red (41%)
- Yellow (76%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (59%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0773, 0.2594, 0.3873 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 79.0773, 0.2594, 0.3873 by changing the saturation by 10% instead.


 79.0773, 0.2594,
0.3873


 79.0773, 0.2594,
0.3873


491.8178, 0.2841,
0.3597


 58.9594, 0.2538,
0.3937


 132.0677, 0.2680,
0.3776

 42.5804, 0.2468,
0.4018


 165.7089, 0.2713,
0.3739

 29.5560, 0.2381,
0.4120


 204.6267, 0.2742,
0.3707

 19.5019, 0.2267,
0.4256

249.2054, 0.2767,
0.3679

 12.0335, 0.2112,
0.4445

299.8295, 0.2789,
0.3655

 6.7665, 0.1894,
0.4721


356.8834, 0.2808,


 3.3165, 0.1564,

0.3633

0.5163


420.7513, 0.2825,
0.3614


 1.2991, 0.0000,
0.6778


 0.1405, 0.0000,
1.0000


 79.0773, 0.2594,
0.3873


 79.0773, 0.2594,
0.3873


 77.3710, 0.2552,
0.3993

 81.2570, 0.2655,
0.3757


 76.1086, 0.2529,
0.4114


 83.9614, 0.2732,
0.3646


 75.2345, 0.2528,
0.4235

 87.2201, 0.2822,
0.3543

 74.6746, 0.2544,
0.4354

 91.0641, 0.2922,
0.3447

 74.6194, 0.2547,
0.4368

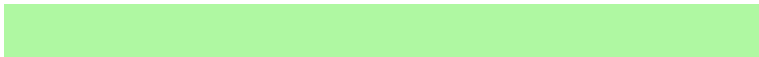
 95.5220, 0.3029,
0.3360

100.0000, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0773, 0.3156, 0.4319



79.0773, 0.2594, 0.3873



79.0773, 0.2199, 0.3247

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0773, 0.2594, 0.3873



79.0773, 0.2470, 0.2342



79.0773, 0.4344, 0.3680

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.0773, 0.2594, 0.3873



33.6157, 0.4365, 0.2825

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0773, 0.4138, 0.3211



79.0773, 0.2594, 0.3873



79.0773, 0.3001, 0.2480

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0773, 0.2594, 0.3873



79.0773, 0.2139, 0.2412



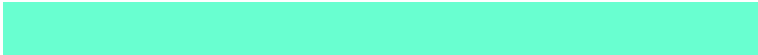
79.0773, 0.3625, 0.2788



79.0773, 0.4184, 0.4112

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0773, 0.2594, 0.3873



79.0773, 0.2068, 0.2872



79.0773, 0.3625, 0.2788



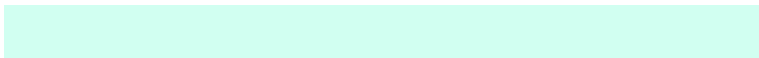
79.0773, 0.4316, 0.3523

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79.0727, 0.2594, 0.3873



91.4181, 0.2931, 0.3440



79.2582, 0.3280, 0.5063



19.3113, 0.2901, 0.3466



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

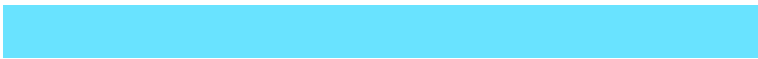
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0727, 0.2594, 0.3873



77.0639, 0.2545, 0.4019



65.4251, 0.2325, 0.2955



20.3789, 0.3022, 0.3366



39.0184, 0.2541, 0.4348



3.8188, 0.2503, 0.4212

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.6157, 0.4365, 0.2825



27.7807, 0.4788, 0.2785



38.9030, 0.4775, 0.3565



18.0808, 0.3245, 0.3216



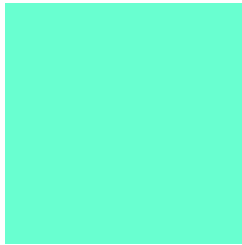
11.4342, 0.5721, 0.2925



1.1320, 0.5401, 0.2749

Previews

White Background



This preview shows how the Yxy color 79.0773, 0.2594, 0.3873 looks on a white background.

Color Contrast Check

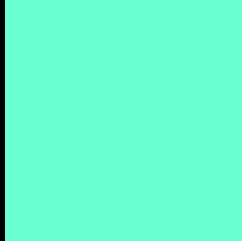
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 79.0773, 0.2594, 0.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

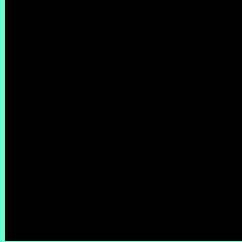
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0773, 0.2594, 0.3873

Background



This preview shows how black text looks on a background with the Yxy color 79.0773, 0.2594, 0.3873.

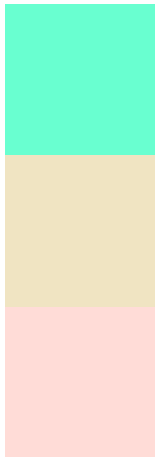


This preview shows how white text looks on a background with the Yxy color 79.0773, 0.2594, 0.3873.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.0773, 0.2594, 0.3873

Protanopia

77.9071, 0.3438, 0.3649

Deuteranopia

77.3527, 0.3417, 0.3341



Tritanopia

78.4554, 0.2622, 0.3133

Trichromacy



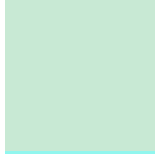
Original Color

79.0773, 0.2594, 0.3873



Protanomaly

76.3490, 0.3054, 0.3739



Deuteranomaly

75.3107, 0.3036, 0.3526



Tritanomaly

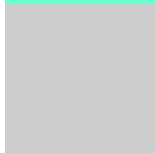
78.1043, 0.2601, 0.3382

Monochromacy



Original Color

79.0773, 0.2594, 0.3873



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

65.6666, 0.2870, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0773, 0.2594, 0.3873 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(105, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(105, 255, 208)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(105, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 255, 208) }
```

Border

The CSS property to change the border of an element to Yxy 79.0773, 0.2594, 0.3873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

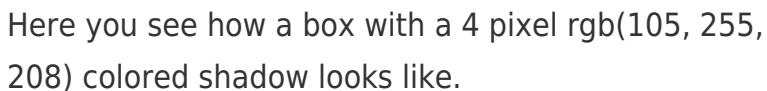
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 255, 208) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(105, 255, 208) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel rgb(105, 255, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(105, 255,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0773, 0.2594, 0.3873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 255, 208) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(105,  
255, 208) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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